

Machinists (51-4041)

Occupation description: Set up and operate a variety of machine tools to produce precision parts and instruments. Includes precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, mathematics, metal properties, layout, and machining procedures.

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	186	195	4.8	1	3	4
United States	370,400	401,900	8.5	3,150	6,800	9,950

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	19.72	n/a	11.68	19.03	28.88
Alaska	24.50	27.89	31.28	16.48	30.82	36.12
Anchorage/Mat-Su Area (MSA)	27.56	30.42	33.28	20.46	32.31	36.40
Balance of State	19.43	24.34	29.25	13.08	23.69	35.15

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
542	389	71.8	53.2	40.3

2012 Potential Supply

Qualified but working in another occupation	53
Currently employed in a lower paid occupation	16
UI claimants previously working in occupation	53

2012 ALEXsys Employment Data

Number of registrants	211
Number of job position postings	21
Ratio of registrants to job position postings	10.0

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: High school diploma or equivalent

Work experience: None

On-the-job training: Long-term on-the-job training

Training Resources

	Degree
Beacon OHSS	
Energy Isolation (NSTC and OSHA Offered)	

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